

EPA-MPCA Site Update Meeting

Wednesday, November 23, 2022

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MN NPL site specific discussions

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Waite Park Wells

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Waite Park Wells (WPW) Overview

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WPW Overview

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Proposed Next Steps

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South Andover/Red Oaks

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The Red Oaks neighborhood in Andover, MN outlined in blue with WDE landfill outlined in yellow.

Investigation

- 7/1/2021 1,4-dioxane result of 1.1 ppb at single home
- Investigation expands to W and S
- 1,4-dioxane detected in SE of neighborhood, 3,000 ppb
- PFAS detected at most homes

Communications

- 2 public meetings
- 2 office hours sessions
- Many newsletter articles
- Website updates
- Too many citizen calls to count

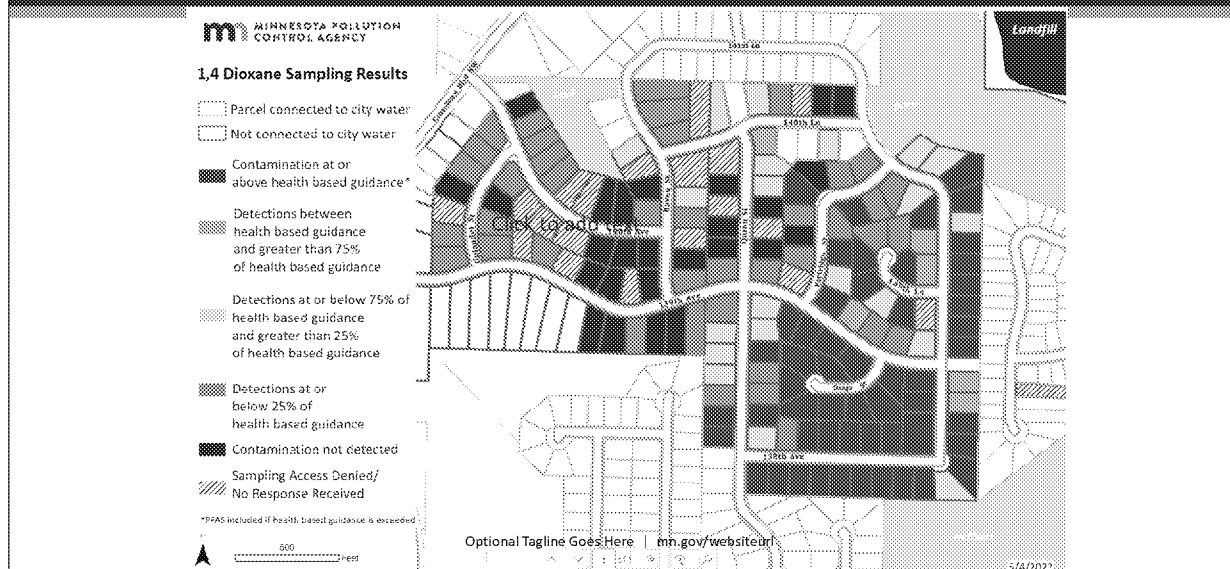
Citizen Concerns

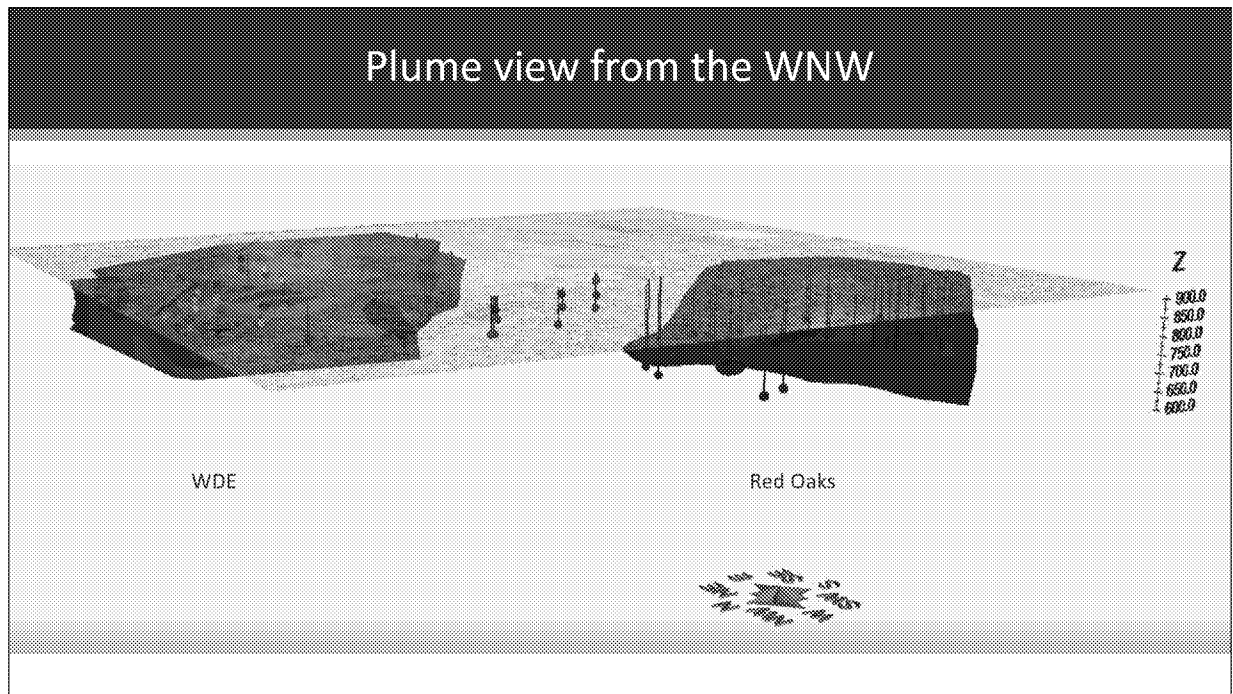
- Health of residents and their families
- Property value decrease
- Costs of municipal water
- Losing private wells
- Bottled water
- Sampling

The South Andover Superfund Site to the South of Bunker Lake Boulevard.

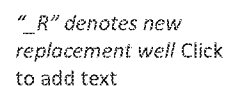


1,4-dioxane results as compared to 1.0 ppb HBV



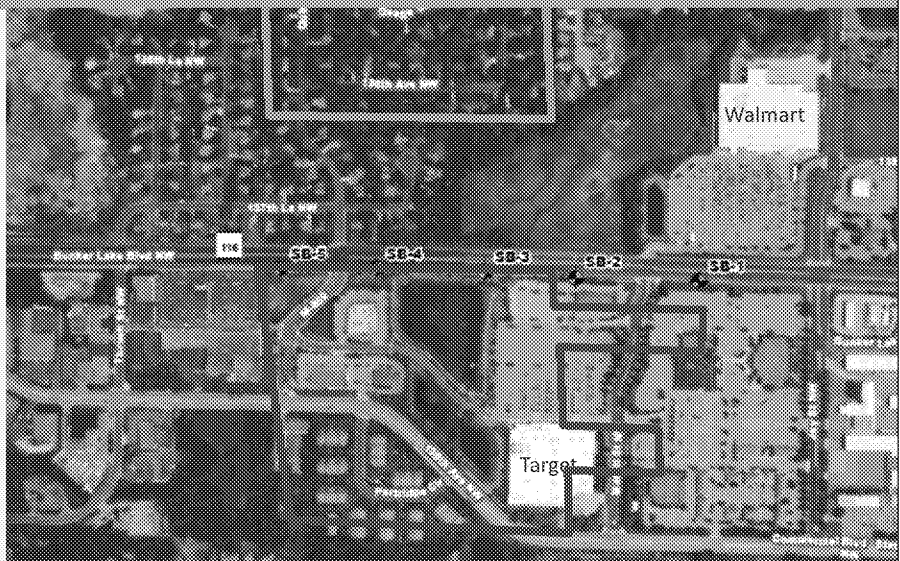


Show the lack of a link between the two 1-4 dioxane plumes



Bunker Lake Blvd Sample Points

- Groundwater flow direction is North according to some historical documents
- SB-2 1,4-dioxane result 840ppb in deep sample
- Low amounts 1,4 dioxane shallow and medium samples at SB-2 and deep sample at SB-3
- PFOS and PFOA exceed drinking water criteria at SB1, 2, 3, and 4 at shallow and mid-depths
- South Andover NPL Site never tested for either 1,4 dioxane or PFAS



Red Oaks Next Steps

- Recent data indicates WDE landfill is not the 1,4DX source therefore Closed Landfill funds can no longer be used – DX transitioning to Superfund
 - 1,4 DX Source Investigation
 - Municipal Water Installation
 - \$12.1 Million Needed
 - Future Sampling
 - PFAS expansion to the Western edge of Red Oaks and continuing West
 - 1,4-dioxane and PFAS in South Andover SF Site
- EPA's Role?

SE Hennepin/General Mills

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SE Hennepin/General Mills Sites

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NIROP/FMC Sites

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FMC/NIROP Sites

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FMC/NIROP Sites

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Arrowhead Refinery

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Arrowhead Refinery Site

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Arrowhead Refinery Site

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Highway 100/Co Rd 3

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Highway 100/Co Rd 3 Site

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Highway 100/Co. Rd. 3 Site

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Koppers Coke

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Koppers Coke Site

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Baytown

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MPCA Superfund Leadership Team

- Jamie Wallerstedt | Remediation Division Director
- Tom Higgins | Superfund Section Manager
- Crague Biglow | Superfund Supervisor / SLRAOC
- Tim Grape | Superfund Supervisor
- Michele Mabry | Site Assessment Supervisor
- Jeff Thuma | Program Administrator & Contract Manager

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1995 Enforcement Deferral Pilot Project
(Bold = active, italics = proposed removal from pilot)

Site Name	Regulatory Lead (EPA or MPCA)	Site Status
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1995 Enforcement Deferral Pilot Project

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